

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
25 August 2005 (25.08.2005)

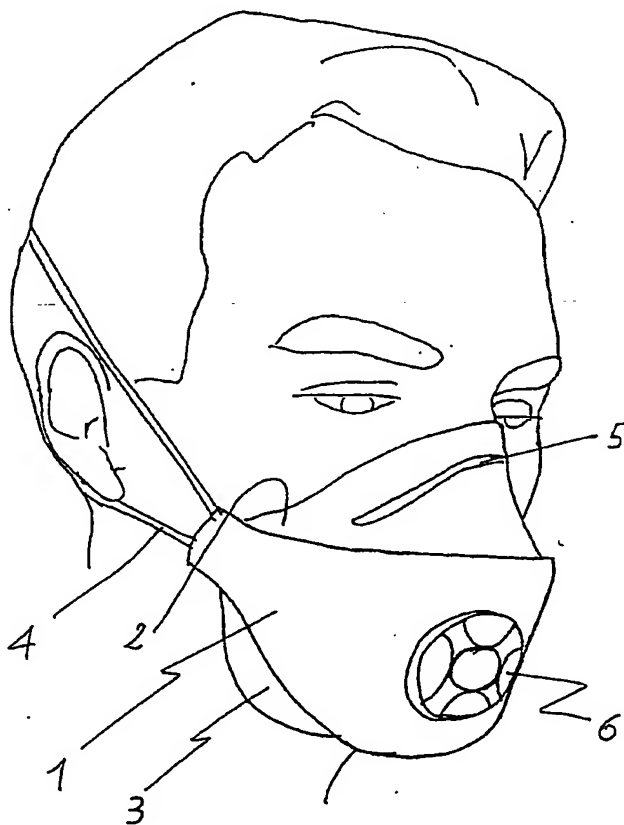
PCT

(10) International Publication Number  
**WO 2005/077214 A1**

- (51) International Patent Classification<sup>7</sup>: A41D 13/11, A62B 23/02, 18/10, 18/08
- (21) International Application Number: PCT/IT2005/000060
- (22) International Filing Date: 10 February 2005 (10.02.2005)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: PS2004A000007 18 February 2004 (18.02.2004) IT
- (71) Applicant (for all designated States except US): CL.COM S.R.L. [IT/IT]; Via F. Guarini 13, I-47100 Forlì (IT).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): CERBINI, Stefano [IT/IT]; Via Torricelli 10, I-61100 Pesaro (IT).
- (74) Agent: SCRIMA, Roberto; Via Battisti 139, I-61100 Pesaro (IT).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,

[Continued on next page]

(54) Title: FACE MASK FOR THE PROTECTION AGAINST BIOLOGICAL AGENTS



(57) Abstract: The invention relates to a new mask for the protection against biological agents having additional features to improve the efficiency. The mask is in particular equipped with a filtering layer providing outstanding performances against biological agents, with a high efficiency exhalation valve and with a boundary sealing layer to enhance the seal between mask and face.

WO 2005/077214 A1